



RECEIVED

AUG 24 2005

ConocoPhillips Company
6825 South 5300 West
P.O. Box 851
Price, UT 84501

DIV. OF OIL, GAS & MINING

August 16, 2005

Ms. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
SLC, Utah 84114-5801

RE: Application for Permit to Drill-
Liddell 29-854, SE/4 NE/4 Sec. 29
T14S, R10E, SLB & M, Carbon County, Utah

Dear Ms. Whitney:

Enclosed is a revised *Application for Permit to Drill* (APD) for the Liddell 29-854 well. Please discard the previous submittal and replace with this APD. Included with the APD is the following information:

Exhibit "A" - Survey Plat of the Proposed Well Site;

Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;

Exhibit "C" - Drilling Site Layout;

Exhibit "D" - Drilling Information

Exhibit "E" - Multipoint Surface Use Plan

Exhibit "F" - Typical Road Cross-section;

Exhibit "G" - BOP Diagram;

Exhibit "H" - Typical Wellhead Manifold;

Exhibit "I" - Evidence of Bond;

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Private	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Undesignated	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Liddell 29-854	
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501			PHONE NUMBER: (435) 613-9777	10. FIELD AND POOL, OR WILDCAT: Undesignated Drunkard Wash	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2084' FNL, 1172' FEL AT PROPOSED PRODUCING ZONE: 515518X 39.580434 43809984 -110.819309				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 29 14S 10E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.6 miles south of Price, Utah				12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 100'		16. NUMBER OF ACRES IN LEASE: 4.37 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160'	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1400'		19. PROPOSED DEPTH: 1,620		20. BOND DESCRIPTION: Rotary	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5560' GR		22. APPROXIMATE DATE WORK WILL START: 9/15/2005		23. ESTIMATED DURATION:	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
15"	12 3/4" Conductor	40	
11"	8 5/8" J-55 24#/ft	162	70 sks G+2% CaCl 1/4#/skD29
7 7/8"	5 1/2" N-80 17#/ft	2,033	100 sks 50/50 POZ 8%D20,10% D44,2%S001 1/4#/skD29
			90 sks 10-1 RFC Tail

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Jean Semborski TITLE Construction/Asset Integrity Supervisor
SIGNATURE Jean Semborski DATE 8/16/2005

(This space for State use only)

API NUMBER ASSIGNED: 4300731055

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 09-13-05
By: [Signature]

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AUG 24 2005**

DIV. OF OIL, GAS & MINING

Range 10 East

Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

Basis of Elevation:

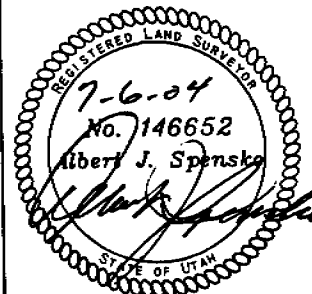
BASIS OF ELEVATION OF 5623' BEING AT THE NORTHWEST SECTION CORNER OF SECTION 29, TOWNSHIP 14 SOUTH, RANGE 10 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE PRICE QUADRANGLE 7.5 MINUTE SERIES MAP.

Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE SE1/4 NE1/4 OF SECTION 29, T14S, R10E, S.L.B.&M., BEING 2083.91' SOUTH AND 1172.28' WEST FROM THE NORTHEAST SECTION CORNER OF SECTION 29, T14S, R10E, SALT LAKE BASE & MERIDIAN.

Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

195 North 100 West P.O. Box 1290

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talonnetv.net

ConocoPhillips Company

WELL #29-854
Section 29, T14S, R10E, S.L.B.&M.
Carbon County, Utah

Drawn By:
J. STANSFIELD

Checked By:
L.W.J./A.J.S.

Drawing No.
A-1

Date:
08/04/04

Scale:
1" = 1000'

Sheet **1** of **4**

Job No.
1420

GRAPHIC SCALE

0 500' 1000'

(IN FEET)

1 inch = 1000 ft.

LEGEND

- DRILL HOLE LOCATION
- ⊙ METAL CAP (FOUND)
- BRASS CAP (SEARCHED FOR, BUT NOT FOUND)
- △ CALCULATED CORNER
- () GLO

GPS MEASURED

NOTES:

1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG
39°34'51"N
110°49'11"W

29

WELL #29-854
ELEVATION 5560.0'
UTM
N 4381032
E 515491

1172.28'

2083.91'

N89°21'24"E - 2657.21'

(5260.20')

N89°22'55"E - 2635.05'

NW CORNER
ELEV. 5623'

N00°22'49"W - 5331.51'

N00°32'35"W - 2660.92'

S00°32'35"W - 2676.94'

N89°08'41"E - 2654.28'

(N89°58'W - 5266.80')

N89°43'55"E - 2653.17'



Kile Thompson
Agent, PTRRC

ConocoPhillips Company
3960 E. 56th Ave.
Commerce City, CO 80022
Office: 303.376.4368
Cell: 303.419.9513
Fax: 303.376.4368

August 4, 2005

Division of Oil, Gas and Mining
Attention: Diane Whitney
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

Re: Surface Use Agreements for Liddell 29-854 well

Dear Ms. Whitney:

Enclosed is a copy of the Surface Use and Damage Agreement entered into between ConocoPhillips Company and William Blake and Karla Joy Liddell. ConocoPhillips is prepared to construct, drill, and produce the Liddell 29-854 well.

We are sending you this agreement in order to show the D.O.G.M. that we have secured permission from the landowners to construct, drill, and produce this well. If you need any other information please don't hesitate to contact me at 303.376.4368 if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Kile A. Thompson", with a long, sweeping horizontal line extending to the right.

Kile A. Thompson

Enc.

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AUG 05 2005

DIV. OF OIL, GAS & MINING

SURFACE USE AND DAMAGE AGREEMENT

This Agreement is made and entered into, effective as of the 30th day of November, 2004 ("Effective Date") by and between **William Blake Liddell** and **Karla Joy Liddell**, whose address is 1398 Fairgrounds Road, Price, Utah, 84501, (collectively "**Grantor**"), and **ConocoPhillips Company**, a Delaware Corporation, whose address is Real Property Administration, P.O. Box 7500, Bartlesville, Oklahoma, 74005-7500, ("**Grantee**").

RECITALS

- A. Grantor owns the surface estate or otherwise controls the surface rights in and to the property described in **Exhibit A**, attached hereto and made a part of this Agreement ("**Property**"), and in the location depicted on Exhibit B, attached hereto and made a part hereof (the "**Right of Way**").
- B. Grantee owns or operates mineral leases and rights, including but not limited to coal bed methane leases and rights, and may become holder of other mineral leases and rights, including but not limited to coal bed methane leases and rights, underlying and in the vicinity of the Property ("**Leases**") and desires to enter on the Property for the purposes of conducting oil and gas operations related to the Leases ("**Operations**").
- C. In addition to the rights granted in the Leases, Grantee desires to obtain the right to use the Property for the purpose of access to and from the Leases and right of way related to its Operations.
- D. Grantor and Grantee desire to stipulate and agree on the rights to be granted by Grantor to Grantee and the compensation and damages to be paid for such rights.

AGREEMENT

In consideration of the foregoing recitals and the terms, covenants and conditions contained herein, Grantor and Grantee agree as follows:

1. **Right-of-Way**. Grantor grants to Grantee, and all of its parent, subsidiary, or other affiliated companies, their agents, employees, and others authorized by them, a private right of way upon and across the Property as Grantee may

reasonably require for well locations, access roads, gathering system pipelines, transmission pipelines, power lines and associated facilities, related to its Operations ("**Right-of-Way**"). Grantor warrants that it is the owner of the Property and has the legal right to grant the Right-of-Way described herein and that Grantee shall have the quiet use and enjoyment of the Property in accordance with the terms and conditions of this Agreement.

2. **Location and Specifications of Well Site and Pipeline, Utility and Road Right of Way.** In general the southern edge of the well pad location shall correspond to the southern edge of the access road. The access road right of way will be limited to 25 feet in width and will run from the driveway area adjacent to the landowners' home to the well pad location. The pipeline and utility right of way will be restricted to a 20 foot wide permanent right of way. Additionally a 10 foot temporary right of way on the east side of the permanent right of way will be used during the construction of the well pad location. The additional temporary right of way will expire 1 year from the date construction begins. The exact location of the well site and width of the right of ways are described in the attached survey and drawings Exhibit.
3. **Notification to and Consultation with Grantor.** Grantee agrees to notify Grantor in advance of entry on the Property for the purpose of drilling and construction activities relating to the Leases and its Operations. Grantee also agrees to consult with Grantor as to the location of well sites, roads, pipelines and power lines and other associated facilities and will make reasonable efforts to accommodate Grantor's concerns, if any.
4. **Compensation.** As compensation and damages for Grantee's use of any of the Property under the Leases and for its Operations, Grantee will pay to Grantor as follows:
 - A. **Well Locations.** \$7,500.00 lump sum payment for the surface used for each well location, which shall include compensation and damages for subsequent facilities for Grantee's Operations on the same surface area.
 - B. **Right of Way for Roads, Pipelines and Underground Power Lines.** \$15.00 per rod lump sum payment for right of way not to exceed fifty (50') feet in width containing but not limited to access road(s), pipeline(s) and/or underground power line(s) and related facilities. Such compensation shall include the right for Grantee, from time to time and at any time or times, to lay, construct, operate, inspect, maintain, repair, replace with same or different size pipe, remove, or abandon in place such pipeline(s) and/or underground power line(s). Such compensation also includes the right for Grantee to construct from time to time and at any time or times additional

pipelines, appurtenances, valves, metering equipment, cathodic protection, wires, conduits, cables, and/or underground power lines and other facilities needed for its Operations within the Right-of-Way granted.

- C. Special Damages.** Grantee shall pay Grantor a one-time lump sum payment in the amount of \$20,000.00 for special damages.

4. Payments.

- A.** Grantee shall pay Grantor all compensation set forth in Paragraph 3 of this Agreement on or before December 31, 2004.
- B.** For taxation purposes, all compensation paid pursuant to this Agreement for well locations, outlined in Paragraph 3 section A, shall be compensation for surface damages to the Property.
- C.** For taxation purposes, fifty (50) percent of compensation paid pursuant to this Agreement for other facilities related to Grantee's Operations and/or for Right-of-way for access roads, pipelines and underground power lines shall be in consideration for the right of way to use the Property and fifty (50) percent shall be paid as compensation for surface damages to the Property.

- 5. Release.** Grantor acknowledges the receipt and sufficiency of all compensation paid by Grantee pursuant to this Agreement as full and complete settlement for and as a release of all claims for loss, damage or injury to the Property arising out of Grantee's Operations.

6. Conduct of Operations.

- A.** All of Grantee's Operations shall be conducted in a safe and workmanlike manner and in compliance with all applicable federal, state or local laws, rules or regulations.
- B.** Grantee will design and construct well locations to provide a safe working area while reasonably minimizing the total surface area disturbed.
- C.** At the time any access road is initially constructed, Grantee will install a cattleguard at each existing fence line crossed by such access road.

- D. All disturbed areas affected by drilling or subsequent operations, except areas reasonably needed for production operations, shall be maintained by Grantee to control dust and minimize erosion.
- C. During drilling, production and reclamation operations, Grantee shall keep all disturbed areas as reasonably free of noxious weeds as practicable.

7. Reclamation.

- A. All disturbed areas affected by drilling or subsequent operations, except areas reasonably needed for production operations, shall be reclaimed by Grantee as early as practicable and as nearly as practicable to their original condition.
- B. Grantee shall consult with Grantor regarding seed mix to be used for reseeding.
- C. Grantee shall notify Grantor prior to final reclamation operations on the Property, including plugging and abandonment, and shall comply with any federal, state or local notification rules, regulations or requirements. Grantee shall use its reasonable efforts to consult in good faith with Grantor and reasonably accommodate Grantor's concerns, if any, regarding all aspects of final reclamation, including but not limited to timing of such operations, topsoil protection and reclamation of the Property. All final reclamation operations shall comply with all applicable federal, state or local laws, rules or regulations.

8. Access Road and Gates.

- A. The access road as described in the attached drawing will be constructed within a right of way no more than 25 feet in width or no greater than the already existing road.
- B. The road segment from the existing gate to the well location shall have 6 inches of gravel added and dust control will be accomplished through the use of magnesium chloride.
- C. The driveway area adjacent to Grantor's house will have a chip and seal surface applied, if the equipment is available locally. If the equipment is not available locally screened rock will be applied 2 inches deep and sized as per landowner's request.
- D. A two panel gate along with a cattle guard will be installed to replace the existing gate.

E. The access road as described in this paragraph shall be the only access road available for motorized vehicles to approach the well site. All other motor vehicle access will be prohibited.

9. **Relocation of Irrigation line.** A 6 inch irrigation line currently transects the proposed well site. This irrigation line will be removed and relocated after the well is constructed and will be re-installed outside of the well pad location.

10. **Grading, Excavation and Fill Material.** A containment berm will be installed on the southern edge of the well pad location. Earthen fill material will be available from the field adjacent to the well pad site. This fill material should be used to construct the containment berm and any other necessary earthworks. The area from which the earthen fill material is removed will be graded so that it is conducive to standard irrigation practices.

11. **Designated Contact Person.** Grantor and Grantee designate the following as their primary contact person for discussions, consultation and/or notification purposes:

William Liddell
1398 Fairgrounds Road
Price, Utah 84501
Phone: 435-637-9429

Kile A. Thompson
ConocoPhillips Company
Property Tax, Real Estate,
Right of Way and Claims
Denver Terminal
3960 East 56th Avenue
Commerce City, Colorado 80022
Phone: 303-376-4368
Fax: 303-376-4377

Grantor or Grantee may notify the other of a change in its designated contact person.

12. **Assignability.** This Agreement may be assigned by Grantee without Grantor's consent to any person or entity holding an oil and gas leasehold interest in the Property but may not otherwise be assigned without Grantor's prior written consent.

13. **Binding Effect.** All provisions of this Agreement shall be binding on and inure to the benefit of Grantor and Grantee and their heirs, executors, administrators, successors and assigns.

14. **Termination.** This Agreement shall terminate when Grantee notifies Grantor that it has permanently ceased Operations related to this Agreement.

15. **Recordability.** This Agreement may only be recorded with the written consent of both Grantor and Grantee. Grantor and Grantee agree to execute a memorandum version of this Agreement, which may be recorded.
16. **Shall Not Diminish Other Rights.** Except as otherwise specifically provided for in this Agreement, no other rights held by Grantee to and in the Property relating to the Leases or other acquisition of rights shall be diminished by this Agreement.
17. **Counterparts.** This Agreement may be executed in two or more original counterparts, all of which together shall constitute one and the same Agreement.

EXECUTED as of the date of acknowledgement, but this Agreement is effective as of the first date mentioned above.

GRANTOR:

WILLIAM BLAKE LIDDELL

William Blake Liddell

KARLA JOY LIDDELL

Karla Joy Liddell

GRANTEE:

CONOCOPHILLIPS COMPANY

By: *Michael J. Moore*

Title: Attorney-in-Fact

Michael J. Moore
Attorney-in-Fact

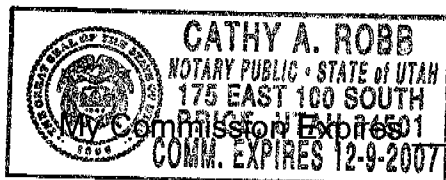
Social Security Numbers

528-54-3336

State of UTAH }
 }
County of CARBON }

I, the undersigned authority, a Notary Public in and for said County in said State, hereby certify that **William Blake Liddell**, whose name is signed to the foregoing Surface Use and Damage Agreement, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he executed the same voluntarily.

Given under my hand and official seal, this the 22nd day of December, 2004.

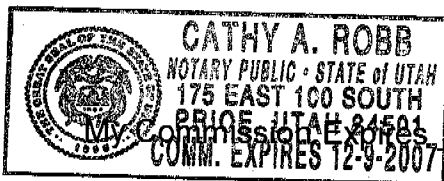


Cathy A. Robb
Notary Public

State of UTAH }
 }
County of CARBON }

I, the undersigned authority, a Notary Public in and for said County in said State, hereby certify that **Karla Joy Liddell**, whose name is signed to the foregoing Surface Use and Damage Agreement, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, she executed the same voluntarily.

Given under my hand and official seal, this the 22nd day of December, 2004.



Cathy A. Robb
Notary Public

State of TEXAS }

County of HUTCHINSON }

I, the undersigned authority, a Notary Public in and for said County in said State, hereby certify that MICHAEL J. MOORE, whose name as Attorney-in-Fact of **ConocoPhillips Company**, is signed to the foregoing Surface Use and Damage Agreement, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument he, as authorized agent and with full authority, executed the same voluntarily and as the act of said corporation.

Given under my hand and official seal, this the 29th day of December, 2004.



Fran Braden
Notary Public

My Commission Expires June 9, 2008

EXHIBIT A

TOWNSHIP 14 SOUTH, RANGE 10 EAST, S.L.B.&M.
Carbon County, Utah:

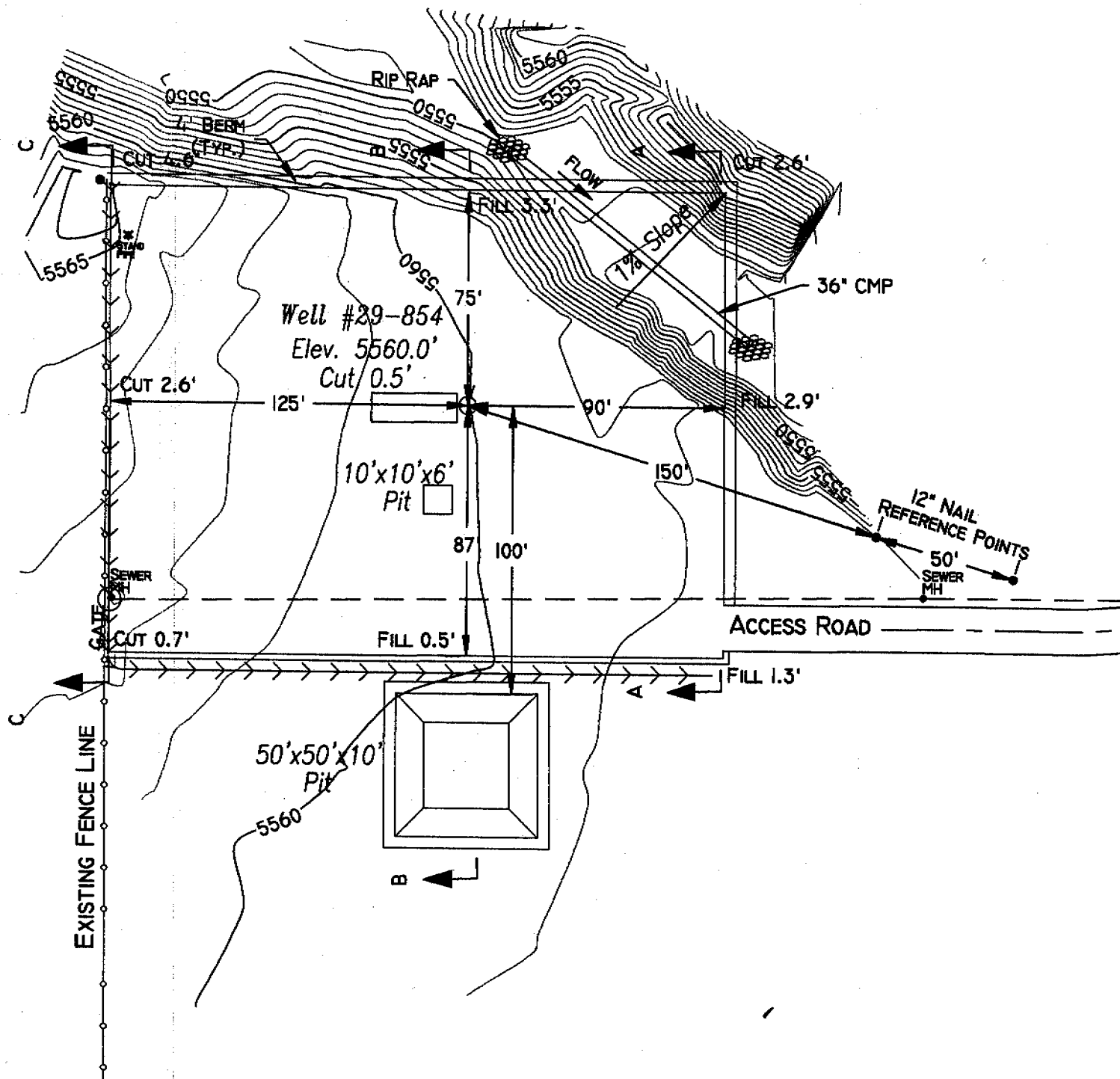
Section 29: Beginning 50 feet West and 510 North from the Southeast corner of the Northeast $\frac{1}{4}$ of the 29 Township 14 South, Range 10 East,
Thence West 1270 feet,
Thence North 150 feet,
Thence East 1270 feet,
Thence South 150 feet to beginning.

Parcel No. 02-1670-0002

And

Beginning at a point 50 feet West and 330 feet North of the Southeast corner of the Northeast quarter of Section 29, Township 14 South, Range 10 East, Salt Lake Base and Meridian; running thence West 1270 feet;
Thence North 330 feet;
Thence East 1270 feet;
Thence South 330 feet, to the place of beginning.

Parcel No. 02-1670-0000



TALON RESOURCES, INC.

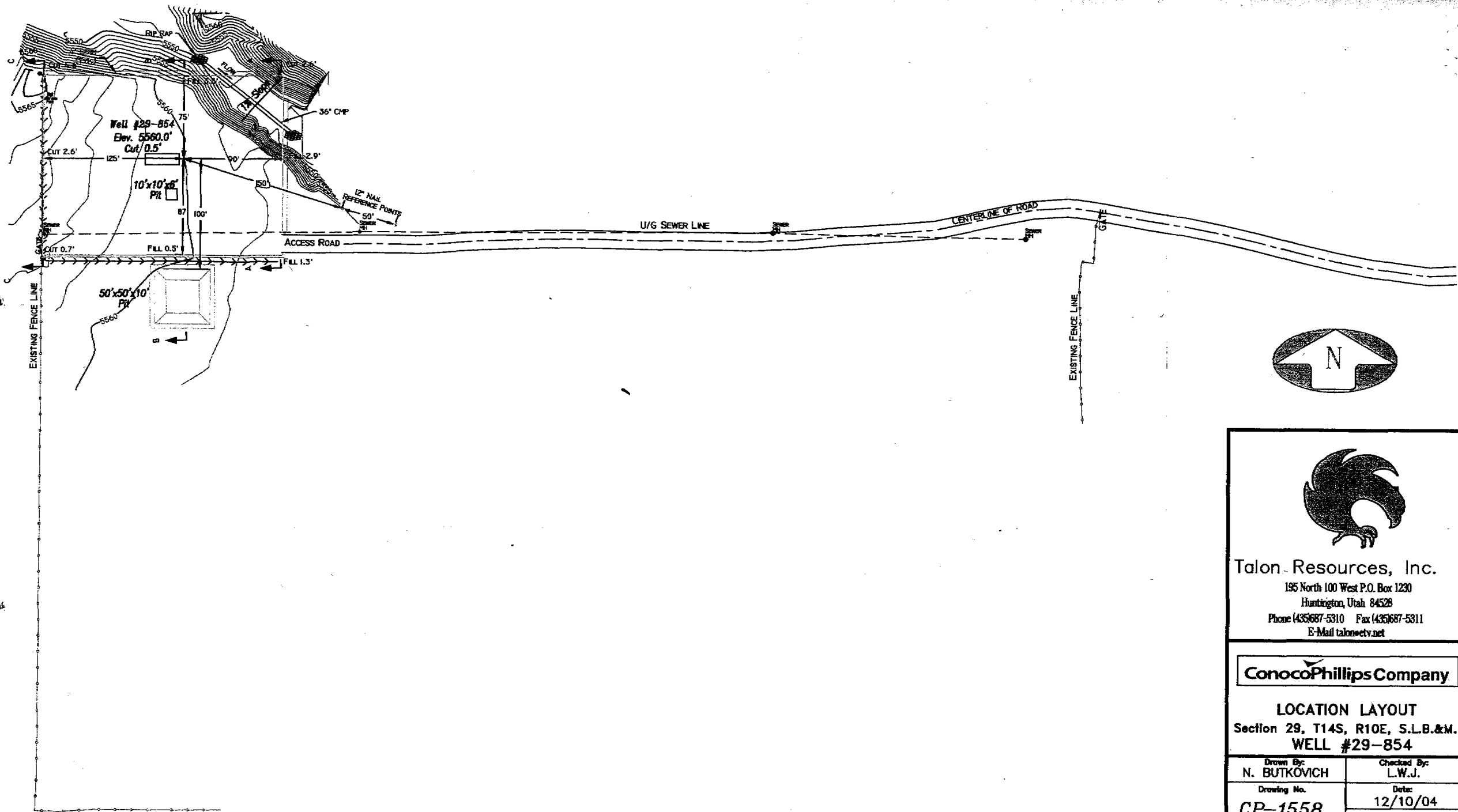
195 North 100 West P.O. Box 1230
Huntington, Utah 84526
Phone (435)687-5310 Fax (435)687-5311
E-Mail talonres@tv.net

ConocoPhillips Company

LOCATION LAYOUT
Section 29, T14S, R10E, S.L.B.&M.
WELL #29-854

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. CP-1558	Date: 12/13/04
	Scale: 1" = 50'
Sheet 2 of 2	Job No. 1558

Exh. 6.4B



Talon Resources, Inc.

195 North 100 West P.O. Box 1230

Huntington, Utah 84528

Phone (435) 687-5310 Fax (435) 687-5311

E-Mail talonnetv.net

ConocoPhillips Company

LOCATION LAYOUT

Section 29, T14S, R10E, S.L.B.&M.

WELL #29-854

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. CP-1558	Date: 12/10/04
	Scale: 1" = 100'
Sheet 1 of 2	Job No. 1558

EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Liddell 29-854
SE/4, NE/4, Sec.29, T14S, R10E, SLB & M
2084' FNL, 1172' FEL
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 1120'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 1150' - 1320'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1400 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW, USED</u>
15"	40'	12-3/4"	Conductor	New
11"	162'	8-5/8"	24#ST&C	New
7-7/8"	2033'	5-1/2	17#LT&C	New

Cement Program -

Surface Casing: 70 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density, 1.15 cu.ft/sk yield. Every attempt will be made to bring cement back to surface.

Production Casing: 100 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal, density, 1.92 cu.ft/sk yield.

90 sks "G" thixotropic, 14.2#/gal density, 1.61 cu.ft/sk yield

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-300	11" hole	Drill with air, will mud-up if necessary.
300-TD	7 7/8" hole	Drill with air. 400 psi @ 1500-1800 Scf.

7. The Testing, Logging and Coring Programs are as followed

300-TD Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 531 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around September 2005.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

EXHIBIT "E"
MULTIPOINT SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
Liddell 29-854
SE/4, NE/4, Sec. 29, T14S, R10E, SLB&M
2084' FNL, 1172' FEL
Carbon County, Utah

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

Approximately 800' of new access is required (See Exhibit "B")

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 3%
- c. Turnouts: None
- d. Drainage design: 2 culvert(s) may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and Power lines will follow the proposed access road.

3. Location of Existing Wells

- a. See Exhibit "B". There are 2 proposed and 4 existing wells within a one-mile radius of the proposed location.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

- a. The wellsite and access road will be constructed on lands owned by Blake Liddell. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.
Landowner Contact Information:
Blake Liddell
1398 Fairgrounds Rd.
Price, Utah 84501
Phone: 435-637-9429

12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 1200 feet to the east.
- b. Nearest live water is Unnamed Wash located 800' Southwest.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Jean Semborski
Construction Supervisor
ConocoPhillips Company
6825 S. 5300 W. P.O. Box 851
Price, Utah 84501
(435) 613-9777 Ext.21
(435) 820-9807

Mail Approved A.P.D. To:

Company Representative


Excavation Contractor

Larry Jensen, Vice President
Nelco Contractors Inc.
Vice President
(435) 637-3495
(435) 636-5268

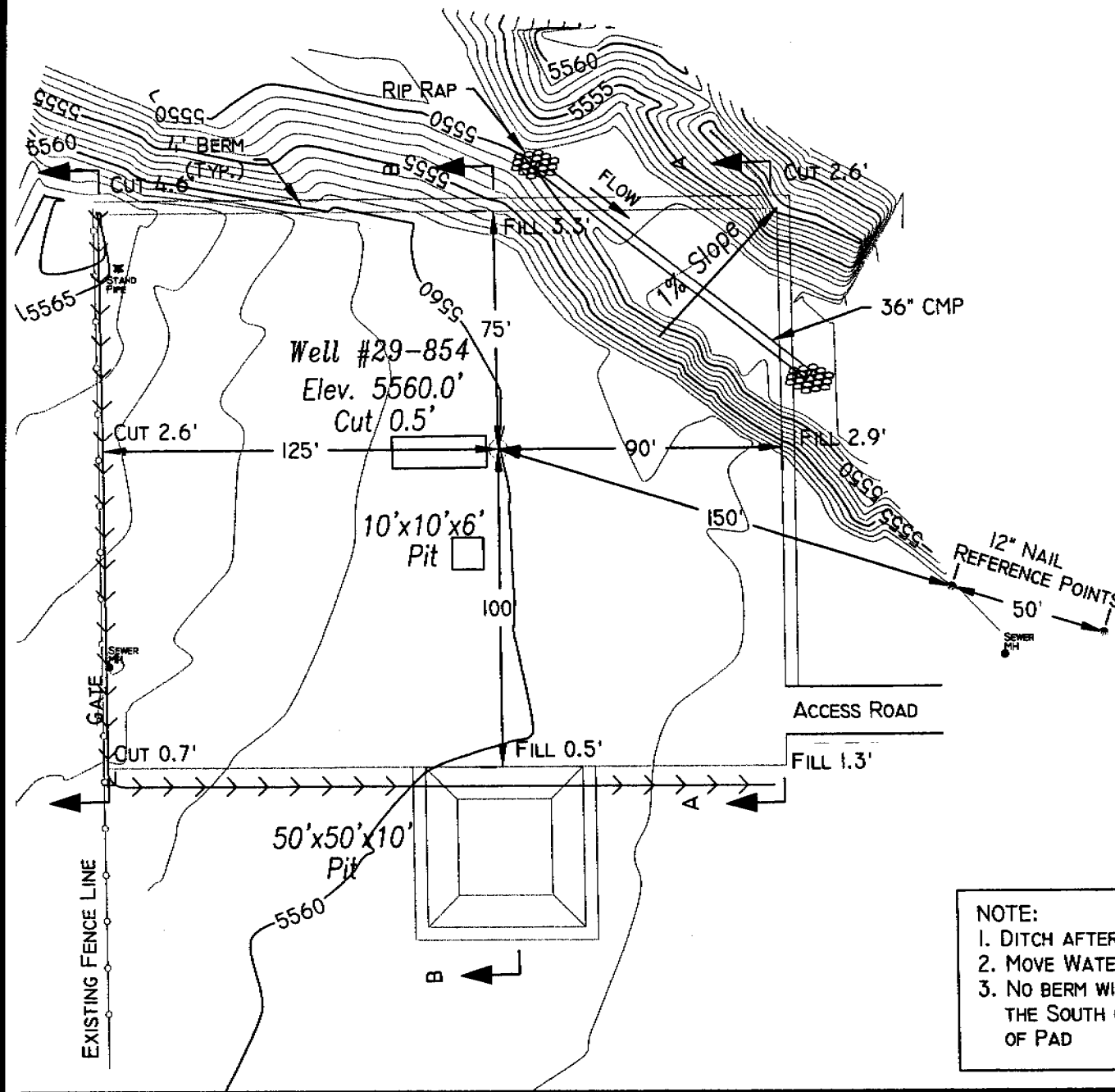
14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

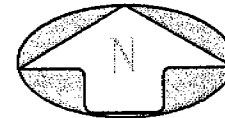
8/16/05
Date


Jean Semborski
Construction Supervisor
ConocoPhillips Company

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 5560.0'
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 5559.5'



NOTE:
 1. DITCH AFTER DRILLING
 2. MOVE WATER HYDRANT
 3. NO BERM WILL BE BUILT ON THE SOUTH OR WEST SIDES OF PAD



TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230
 Huntington, Utah 84528
 Phone (435)687-5310 Fax (435)687-5311
 E-Mail talon@netv.net

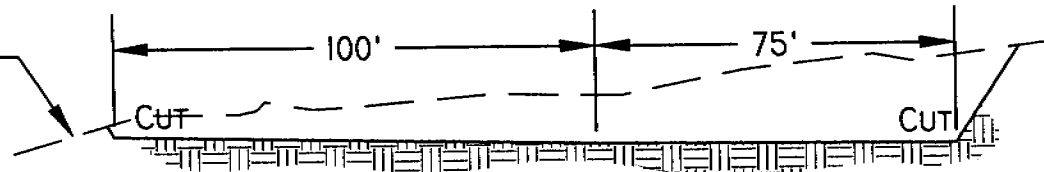
ConocoPhillips Company

LOCATION LAYOUT

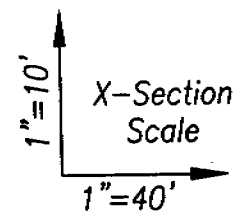
Section 29, T14S, R10E, S.L.B.&M.
WELL #29-854

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 08/05/04
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 1420

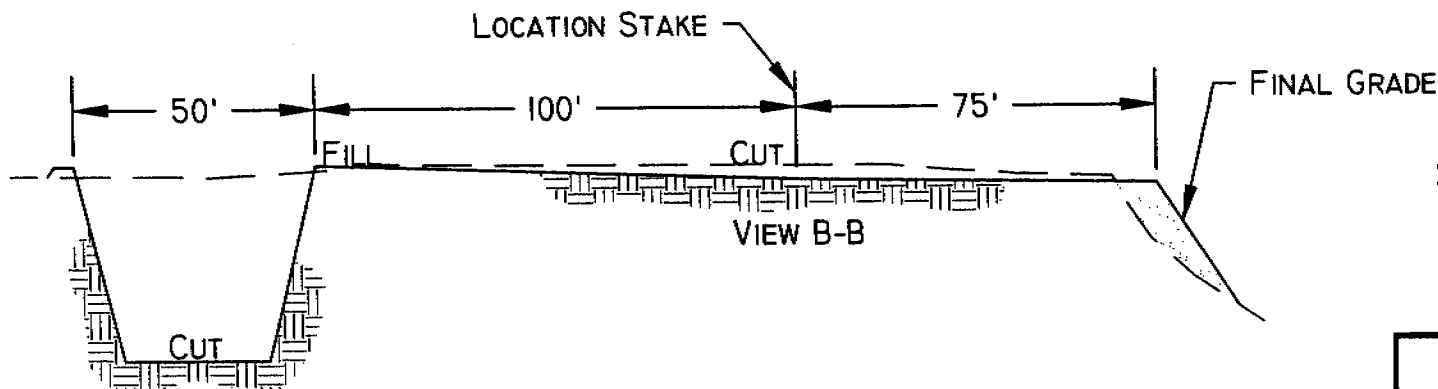
PRECONSTRUCTION
GRADE



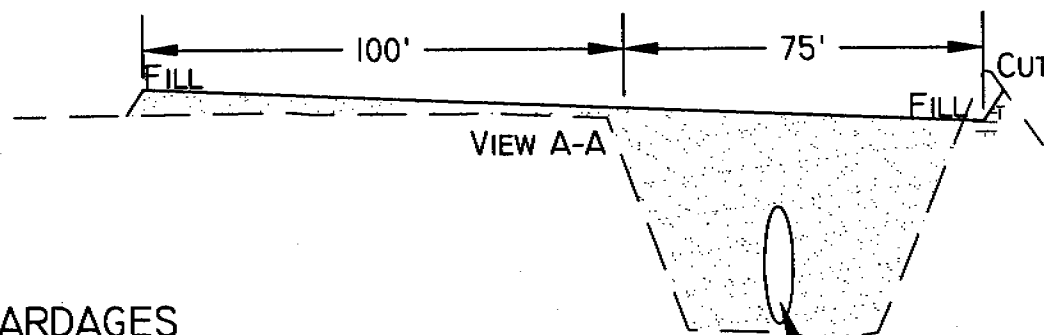
VIEW C-C



SLOPE = 1 1/2 : 1
(EXCEPT PIT)
PIT SLOPE = 1 ; 1



VIEW B-B



VIEW A-A

36" CMP



Talon Resources, Inc.

195 North 100 West P.O. Box 1230
Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311
E-Mail talonwetr.net

ConocoPhillips Company

TYPICAL CROSS SECTION
Section 29, T14S, R10E, S.L.B.&M.
WELL #29-854

Drawn By:
J. STANSFIELD

Checked By:
L.W.J.

Drawing No.

Date:

C-1

08/05/04

Scale:
1" = 40'

Sheet 3 of 4

Job No.
1420

Exhibit "A" 3 of 3

APPROXIMATE YARDAGES

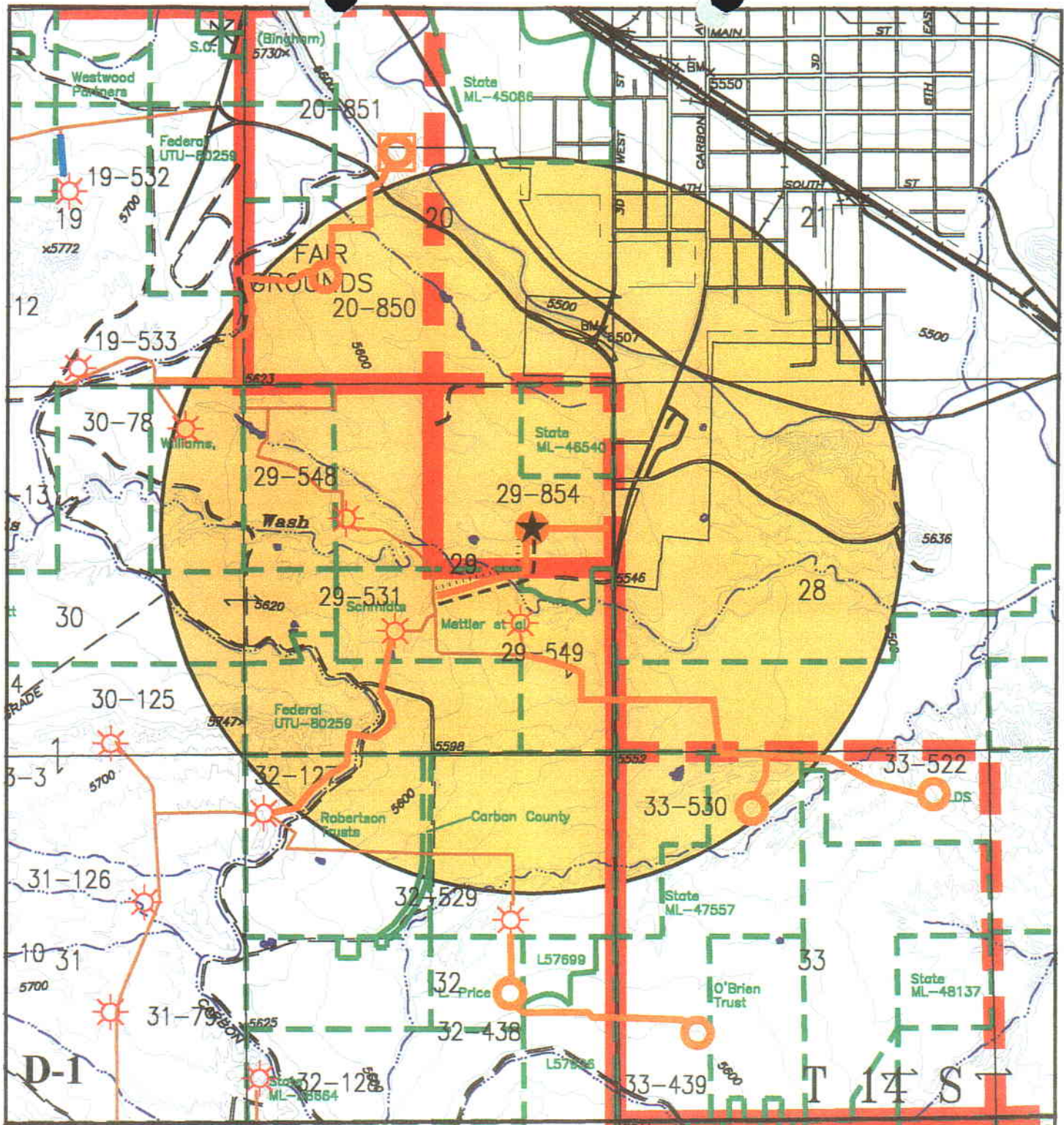
CUT

6") TOPSOIL STRIPPING = 750 CU. YDS.

REMAINING LOCATION = 1,390 CU. YDS.

TOTAL CUT = 2,140 CU. YDS.

TOTAL FILL = 1,265 CU. YDS.

**LEGEND**

Proposed Well Location:
 Other Proposed Well Locations:
 Proposed Powerline:
 Proposed Pipeline:
 Proposed Roads:
 Lease Boundary:
 Existing Wells:



Scale: 1" = 2000'

August 8, 2004

ConocoPhillips Company
 6825 South 5300 West
 P.O. Box 851
 Price, Utah 84501
 Phone: (435) 613-9777
 Fax: (435) 613-9782


ConocoPhillips
 Company

WELL # 29-854
 Section 29, T14S, R10E, S.L.B.&M.
 Exhibit B 1 of 2

TOPO! map printed on 08/05/04 from "PhillipsWells.tpo" and "Untitled.tpg"

508000m E. 510000m E. 512000m E. 514000m E. 516000m E. 518000m E. 520000m E. NAD27 Zone 12S 524000m E.

ConocoPhillips Company

#29-854

TALON RESOURCES, INC.

195 N. 100 W., P.O. BOX 1230

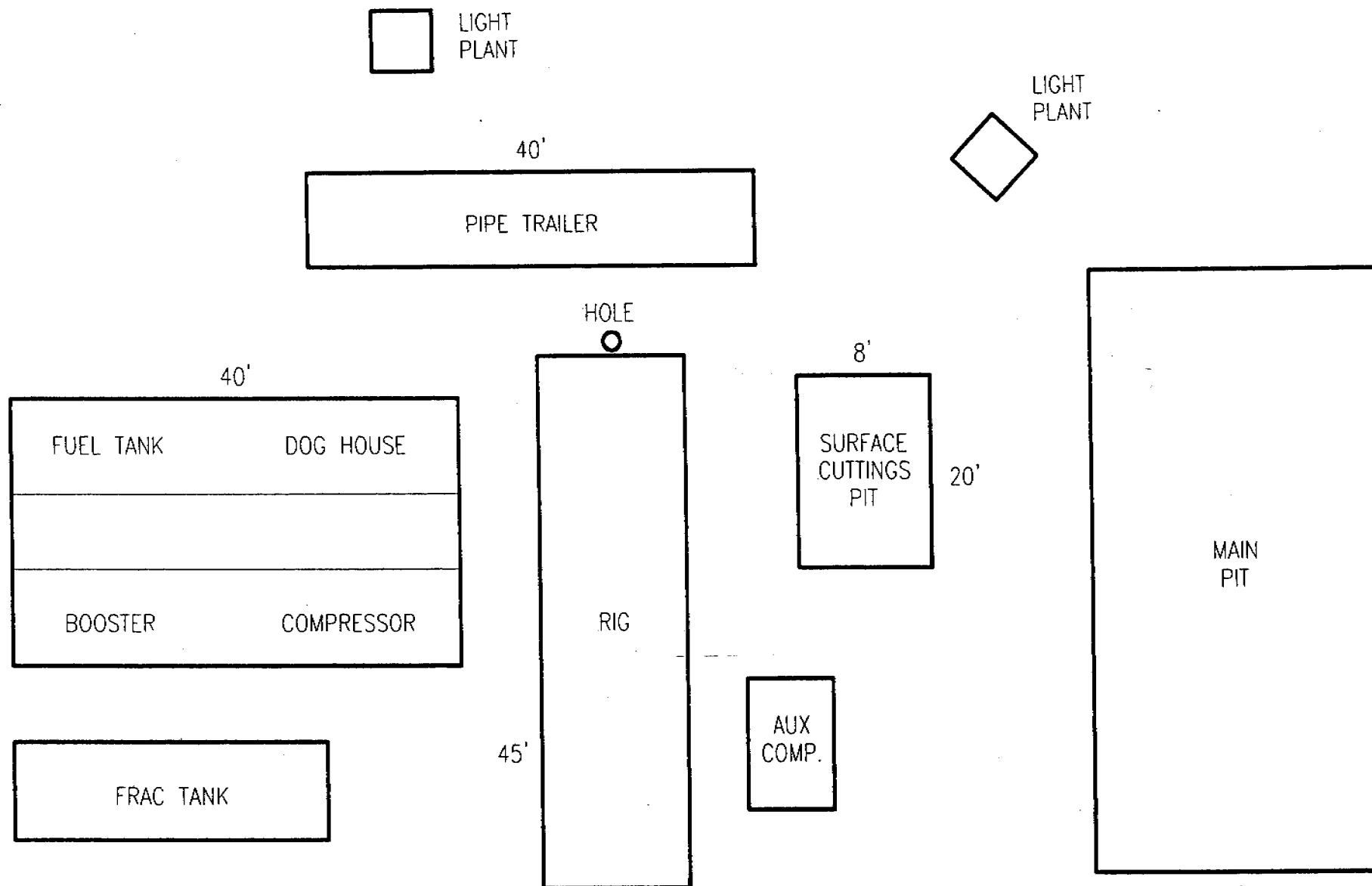
HUNTINGTON, UTAH 84528

(435-687-5310)

TN*/MN
12%

Printed from TOPO! ©2000 National Geographic Holdings (www.topo.com)

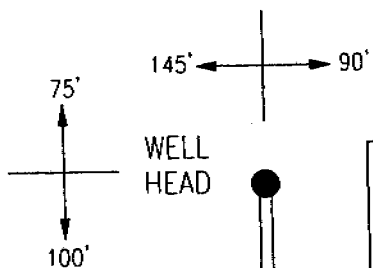
APPROXIMATE LAYOUT OF RIG & EQUIPMENT



CONOCOPHILLIPS

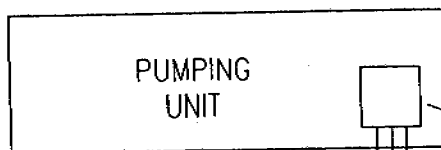
WELL SITE LAYOUT (235' x 175')

○ ANCHOR (TYP. 4 PL.)

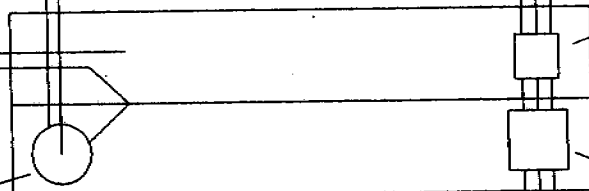


WELL HEAD

GAS/WATER

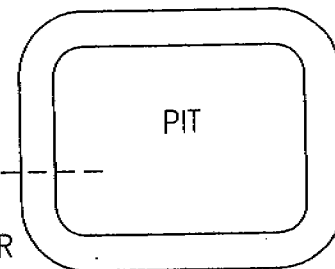


MOTOR



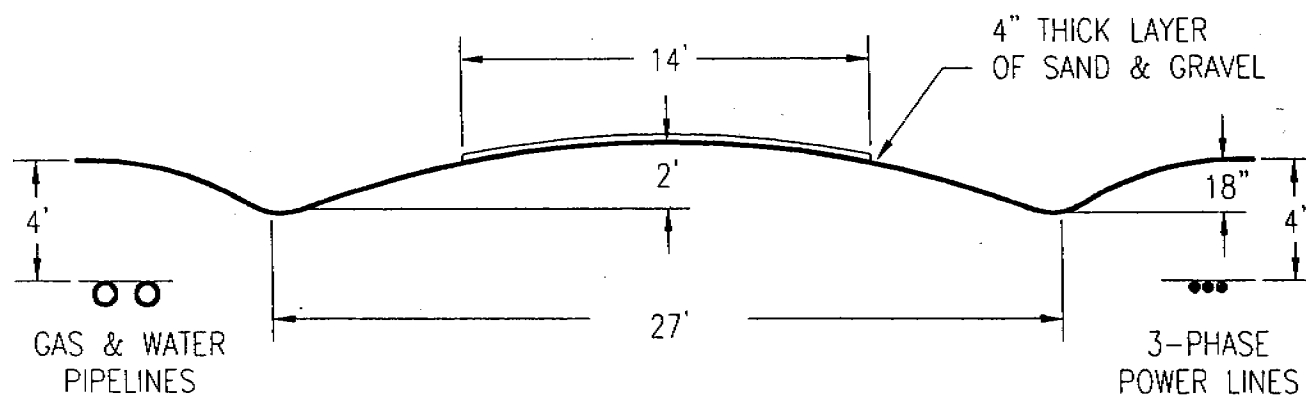
RTU STARTER

TRANSFORMER

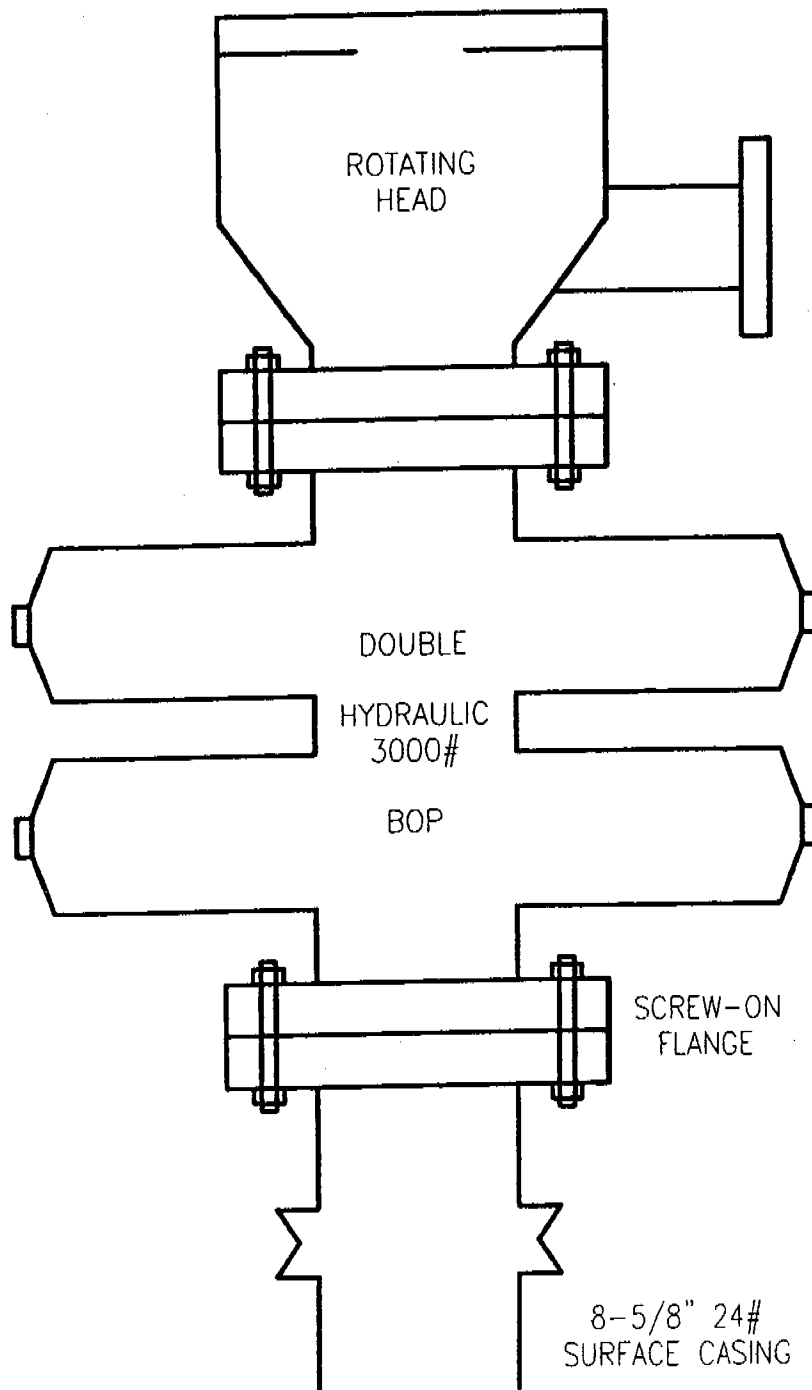


3-PHASE ELECTRICAL

ROAD
GAS PIPELINE
WATER PIPELINE

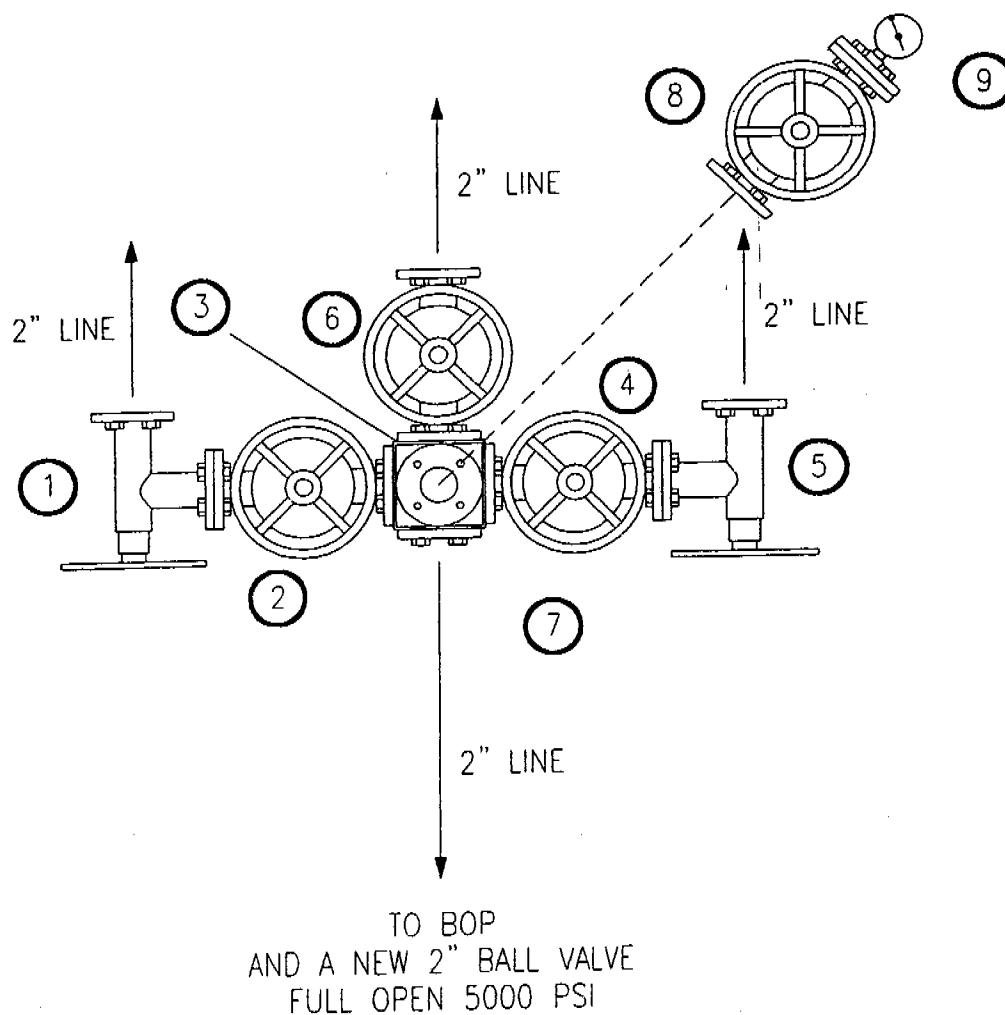
TYPICAL ROAD CROSS-SECTION

DIVERTER HEAD



- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:
NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



MANIFOLD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

Bond No. 6196922

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) CONOCOPHILLIPS COMPANY as Principal,
and

(surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100***** dollars (\$ 80,000.00)
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and
benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and
severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening,
repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of
oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

X Blanket Bond: To cover all wells drilled in the State of Utah

Individual Bond: Well No: _____
Section: _____ Township: _____ Range: _____
County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and
requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells
and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized
officers and its corporate or notary seal to be affixed this

30th day of Dec, 20 02.

(Corporate or Notary Seal here)

Attestee: [Signature] Date: 12-30-02

CONOCOPHILLIPS COMPANY
Principal (company name)
By James F. Hughes Corporate Insurance
Name (print) Title Manager
James F. Hughes
Signature

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal
to be affixed this

1ST day of JANUARY, 20 03.

(Corporate or Notary Seal here)

Carolyn E. Wheeler
Attestee: [Signature] Date: 12/20/2002

SAFECO INSURANCE COMPANY OF AMERICA
Surety Company (Attach Power of Attorney)
By Tina Marie Foster ATTORNEY-IN-FACT
Name (print) Title
Tina Marie Foster
Signature
C/O MARSH USA INC.
Surety Mailing Address
P.O. BOX 36012, KNOXVILLE, TN 37930-6012
City State Zip

CAROLYN E. WHEELER
NOTARY PUBLIC
MY COMMISSION EXPIRES: NOVEMBER 1, 2006
(5/2002)

RIDER

To be attached to Bond No. 6196922

SAFECO INSURANCE COMPANY OF AMERICA

As Surety) in the amount of Eighty Thousand Dollars and 00 Cents*

\$80,000.00

Dollars, effective the 1st _____ day of January _____, 2003

ON BEHALF OF CONOCOPHILLIPS COMPANY

N FAVOR OF STATE OF UTAH

in consideration of the premium charged for the attached bond, it is mutually understood and agreed by the Principal and the Surety that: THE BOND AMOUNT IS HEREBY INCREASED FROM THE ABOVE TO: ONE HUNDRED TWENTY THOUSAND DOLLARS AND NO/100*****(\$120,000.00)

All other items, limitations and conditions of said bond except as herein expressly modified shall remain unchanged.

This rider shall be effective as of the 23rd day of January, 2004.

Signed, sealed and dated this the 23rd day of January, 2004

CONOCOPHILLIPS COMPANY

Principal

BY

Susan F. Short
Assistant Secretary

SAFECO INSURANCE COMPANY OF AMERICA

Surety

Accepted:

BY

JOY M. WILLIAMS,

Attorney-in-Fact

Bond 22a

G-2013/EP 8/90

PRINTED IN U.S.A.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/24/2005

API NO. ASSIGNED: 43-007-31055

WELL NAME: LIDDELL 29-854

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

PROPOSED LOCATION:

SENE 29 140S 100E

SURFACE: 2084 FNL 1172 FEL

BOTTOM: 2084 FNL 1172 FEL

CARBON

DRUNKARDS WASH (48)

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? YES

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	Dico	9/13/05
Geology		
Surface		

LATITUDE: 39.58043

LONGITUDE: -110.8193

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196922)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

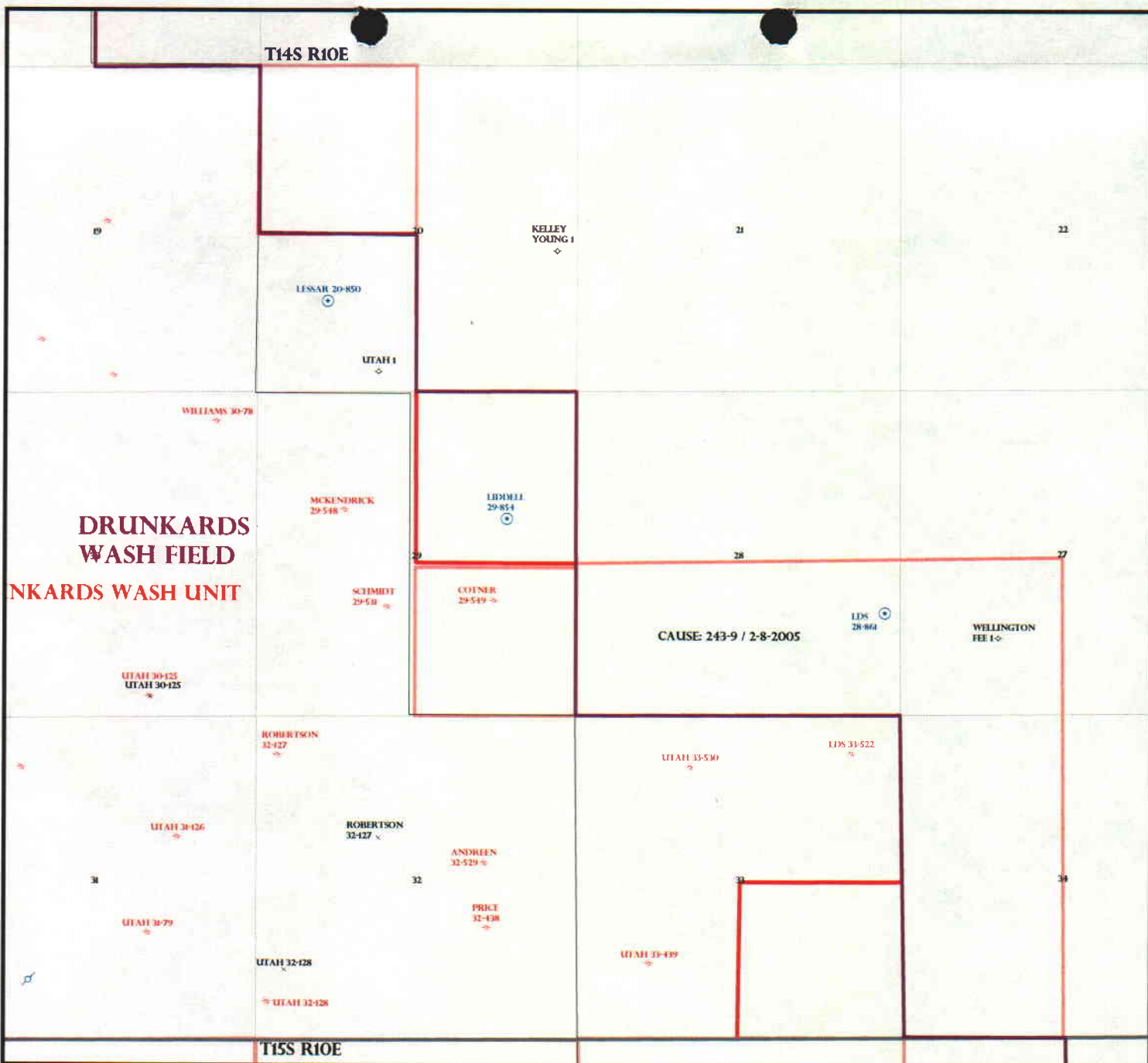
____ R649-2-3.
Unit _____
____ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 243-09
Eff Date: 2-8-05
Siting: 460' fr own bdr unit + 920' fr other wells.
____ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (8-14-2004)

STIPULATIONS:

1 - STATEMENT OF BASIS



OPERATOR: CONOCOPHILLIPS CO (N2335)

SEC: 29 T. 14S R. 10E

FIELD: DRUNKARDS WASH (48)

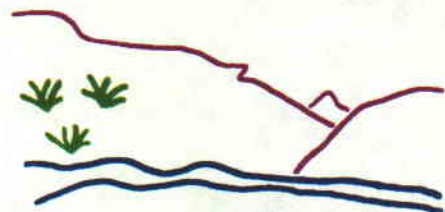
COUNTY: CARBON

CAUSE: 243-09 / 2-8-2005

Field Status
 [Black Box] ABANDONED
 [Red Box] ACTIVE
 [Pink Box] COMBINED
 [Purple Box] INACTIVE
 [Blue Box] PROPOSED
 [Orange Box] STORAGE
 [White Box] TERMINATED

Unit Status
 [White Box] EXPLORATORY
 [Light Blue Box] GAS STORAGE
 [Light Green Box] NF PP OIL
 [Light Yellow Box] NF SECONDARY
 [Light Purple Box] PENDING
 [Light Blue Box] PI OIL
 [Red Box] PP GAS
 [Pink Box] PP GEOTHERML
 [Green Box] PP OIL
 [Blue Box] SECONDARY
 [White Box] TERMINATED

Wells Status
 [Red Star] GAS INJECTION
 [Red Star] GAS STORAGE
 [Red Star] LOCATION ABANDONED
 [Red Star] NEW LOCATION
 [Red Star] PLUGGED & ABANDONED
 [Red Star] PRODUCING GAS
 [Red Star] PRODUCING OIL
 [Red Star] SHUT-IN GAS
 [Red Star] SHUT-IN OIL
 [Red Star] TEMP. ABANDONED
 [Red Star] TEST WELL
 [Blue Star] WATER INJECTION
 [Blue Star] WATER SUPPLY
 [Blue Star] WATER DISPOSAL
 [Blue Star] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 26-AUG-2005

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: ConocoPhillips Company
WELL NAME & NUMBER: Liddell 29-854
API NUMBER: 43-007-31055
LOCATION: 1/4,1/4 SENE Sec:29 TWP: 14 S RNG: 10 E 2084 FNL 1172 FEL

Geology/Ground Water:

A silty, poorly permeable soil is developed on a thin veneer of Quaternary Slope Wash covering the Blue Gate Member of the Mancos Shale. No aquifers with high quality ground water are likely to be encountered. The proposed casing and cement program will adequately isolate any water-bearing strata. Many water rights have been filed within a mile of the location but not on any underground sources.

Reviewer: Christopher J. Kierst **Date:** August 31, 2005

Surface:

Proposed location is ~1.5 miles south of Price, Utah. Staked location lies west of Highway 10 on property owned by Blake Liddell. The immediate area surrounding the proposed well is agricultural, with industrial activities directly south of the property. All proposed new access for this well will be from the east on property owned by Blake Liddell. Approximately 800' of new access road will be built for this location. The direct area drains to the south into Drunkards wash then eastward eventually into the Price River, a year-round live water source ~2 miles east of the proposed location. The closest residential dwelling is approximately 1000' east of the proposed gas well. Approximately 7-10 residences are within 1320' of the proposed well. Access will be from the east. All proposed new access for this well will be on the same surface ownership as the well, Blake Liddell. The well and its access might have minor impacts to the closest residents primarily during drilling and completion activities, which will be within a 1 week time period. Daylight hour work will be the company policy on this well. Jean Semborski and Deanna Walker represented ConocoPhillips. Carbon County was invited but chose not to attend this on-site evaluation.

Reviewer: Mark L. Jones

Date: August 30, 2004

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ConocoPhillips Company
WELL NAME & NUMBER: Liddell 29-854
API NUMBER: 43-007-31055
LEASE: Fee **FIELD/UNIT:** _____
LOCATION: 1/4, 1/4 SENE **Sec:** 29 **TWP:** 14S **RNG:** 10E 2084 **FNL** 1172 **FEL**
LEGAL WELL SITING: 460' from unit boundary and 920 from another well.
GPS COORD (UTM): X =515510 E; Y =4381009 N **SURFACE OWNER:** Blake Liddell.

PARTICIPANTS

M. Jones (DOGM), Jean Semborski and Deanna Walker (ConocoPhillips).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed location is ~1.5 miles south of Price, Utah. Staked location lies west of Highway 10 on privately owned property. Property owner is Blake Liddell. The immediate area surrounding the proposed well is agricultural, with industrial activities directly south of the property. Access to this well will be along newly constructed ConocoPhillips gas field roads from the east off of UDOT and County maintained roads. Approximately 800' of new access road will be built for this location. The direct area drains to the south into Drunkards wash then eastward eventually into the Price River, a year-round live water source ~2 miles east of the proposed location.

SURFACE USE PLAN

CURRENT SURFACE USE: Agriculture activities.

PROPOSED SURFACE DISTURBANCE: 175' x 215' w/ 50' x 50' x 10' (excluded) pit.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: 6 proposed, producing, and/or PA wells are within a 1-mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: On location and along roadway.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and trucked to site.

ANCILLARY FACILITIES: None anticipated.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): The closest residential dwelling is approximately 1000' east of the proposed gas well. Approximately 7-10 residences are within 1320' of the proposed well. Access will be from the east. All proposed new access for this well will be on the same surface ownership as the well, Blake Liddell. The well and its access might have minor impacts to the closest residents primarily during drilling and completion activities, which will be within a 1 week time period. Daylight hour

work will be the company policy on this well.

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes run throughout the immediate area of the proposed well location.

FLORA/FAUNA: No vegetation will be affected, small game, rodents, fowl.

SOIL TYPE AND CHARACTERISTICS: Clay shale.

EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: Dugout earthen, 50'x50'x10', exterior to location.

LINER REQUIREMENTS (Site Ranking Form attached): Liner required.

SURFACE RESTORATION/RECLAMATION PLAN

As per surface use agreement.

SURFACE AGREEMENT: In negotiation.

CULTURAL RESOURCES/ARCHAEOLOGY: In process by SencoPhoenix.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

Photos of this location were taken and placed on file.

Mark L. Jones
DOGM REPRESENTATIVE

August 18, 2004 / 11:15 am
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>2</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>8</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>15</u>

Final Score 40 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





State Online Services

Agency List

Business.utah.gov

Search Utah.gov

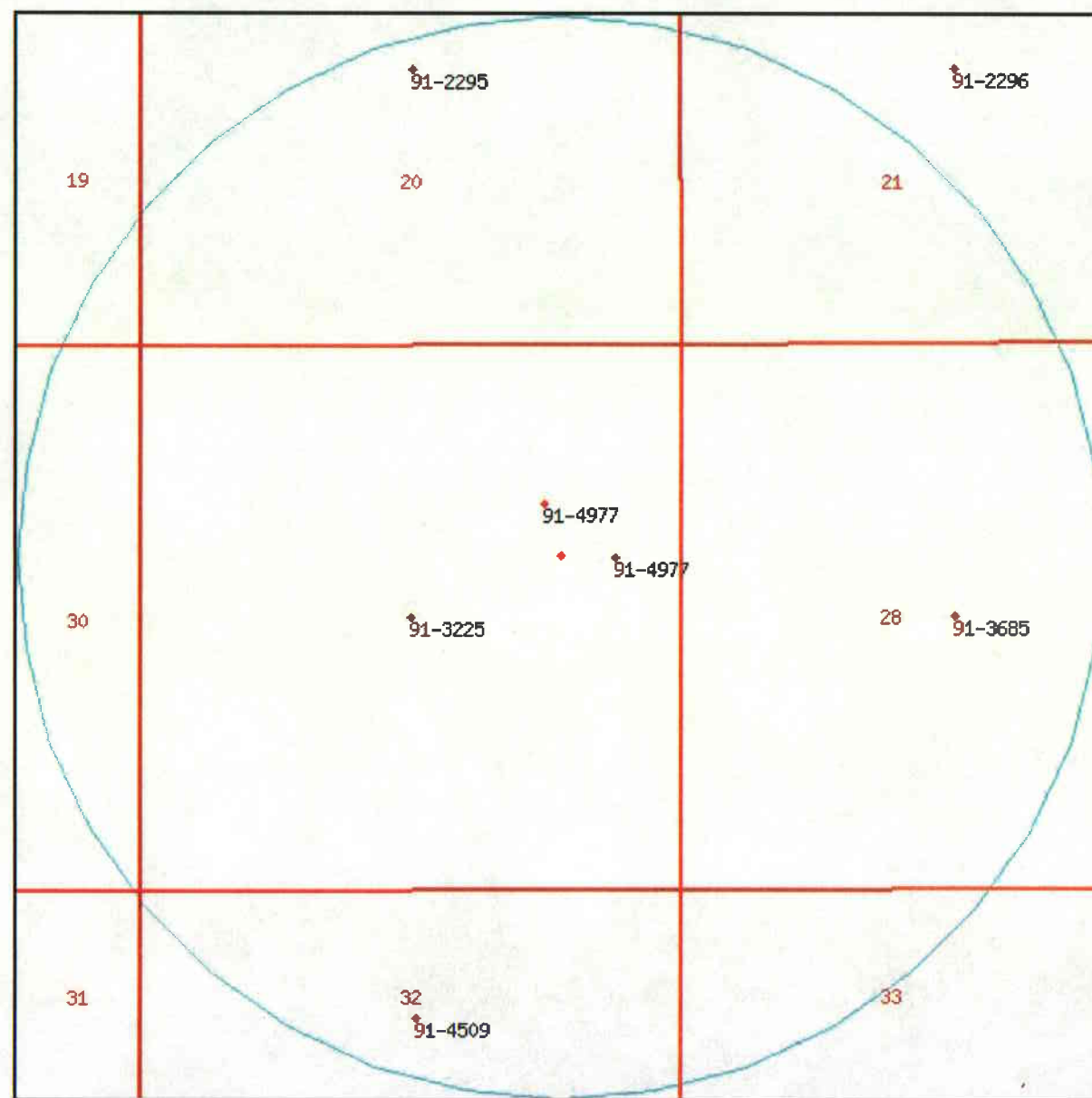
GO

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 08/31/2005 10:38 AM

Radius search of 5280 feet from a point S2084 W1172 from the NE corner, section 29, Township 14S, Range 10E, SL b&m
Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



0 700 1400 2100 2800 ft

Water Rights

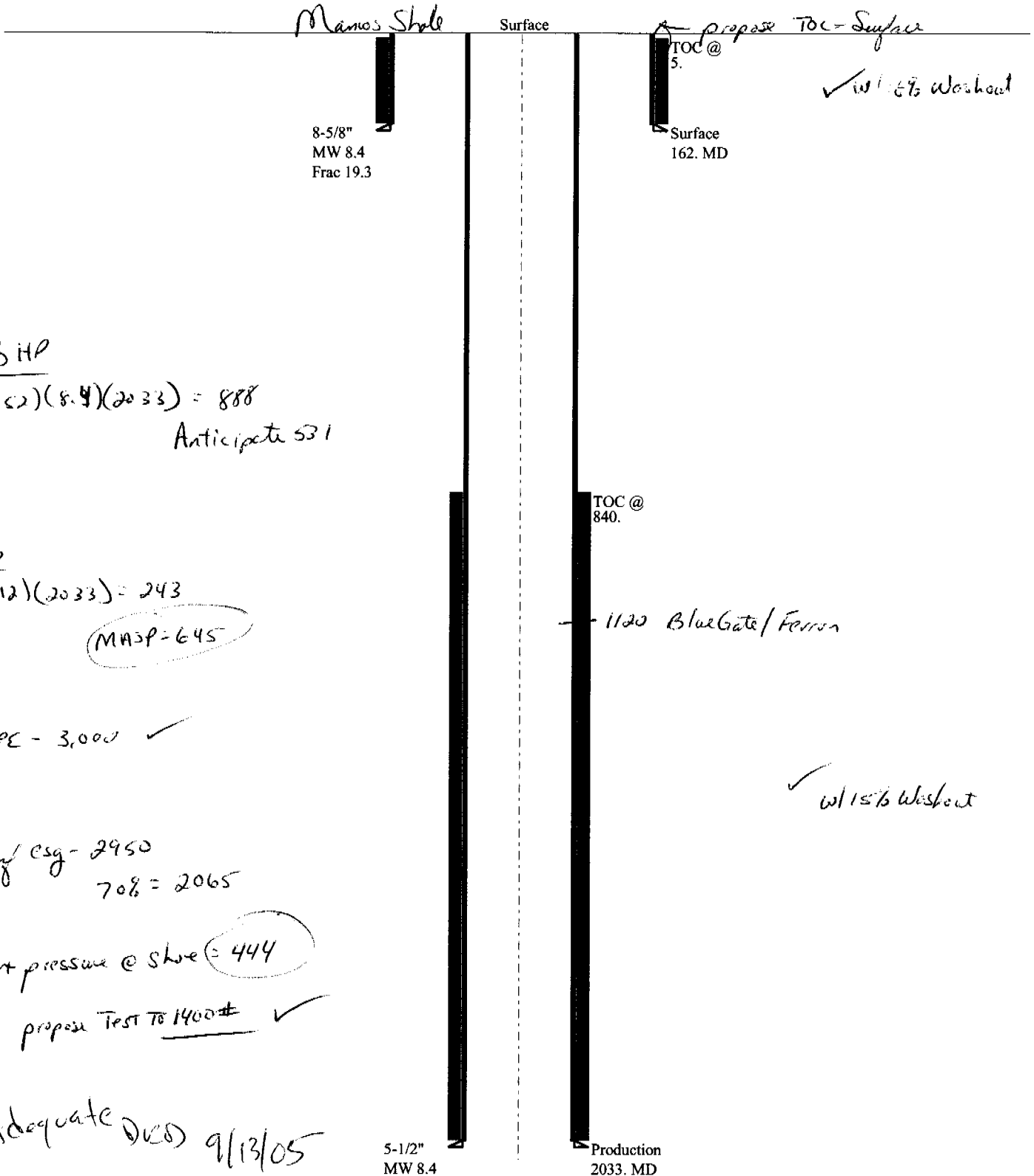
WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
91-1159	Point to Point 0 0 21 14S 10E SL		P	18690000	S	0.000	0.000	CECIL WATERMAN 73 NORTH 3RD EAST
91-1773	Point to Point 0 0 21 14S 10E SL		P	18690000	S	0.000	0.000	LAVELL & BESSIE STALEY 309 SOUTH 700 EAST
91-2289	Point to Point 0 0 20 14S 10E SL		P	18690000	S	0.000	0.000	D. FERRON GARDNER CARBONVILLE UT
91-2290	Point to Point S450 W340 N4 20 14S 10E SL		P	18690000	S	0.000	0.000	MICHEL BACCA UT
91-2291	Point to Point 0 0 20 14S 10E SL		P	18690000	S	0.000	0.000	WILLIAM M. & BEVER LEE GORISHEK PRICE UT 84501
91-2292	Point to Point 0 0 20 14S 10E SL		P	18690000	S	0.000	0.000	RAY BRUCE JENSEN UT
91-2293	Point to Point 0 0 20 14S 10E SL		P	18690000	S	0.000	0.000	JOHN JR. AND MARY KOSS 364 SOUTH 3RD WEST
91-2294	Point to Point 0 0 20 14S 10E SL		P	18690000	S	0.000	0.000	FERDINAND H. GAGOSIAN 3986 MT. OLYMPUS WAY
91-2295	Point to Point 0 0 20 14S 10E SL		P	18690000	S	0.000	0.000	SEVERINA GROSSO UT
91-2296	Point to Point N140 E910 SW 21 14S 10E SL		P	18690000	S	0.000	0.000	LOUIE F. AND IRENE IVIE BOX 382
91-2297	Point to Point 0 0 28 14S 10E SL		P	18690000	S	0.000	0.000	THELMA M. JEWKES 143 SOUTH 1ST EAST
91-2298	Point to Point 0 0 28 14S 10E SL		P	18690000	S	0.000	0.000	PETE & BETTY FRANDSEN TOOELE UT 84074

91-2299	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	CHARLES L. IDE UT
91-2300	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	MARY ELSIE YOUNG 748 NORTH 1ST EAST
91-2301	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	LAVERNE ALLEY UT
91-3005	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	NELDON OLIVER BOX 734
91-3220	Point to Point 0 0 29 14S 10E SL	P	18690000 S	0.000 0.000	JOHN C. & PATRICIA FORRESTER UT
91-3221	Point to Point 0 0 29 14S 10E SL	P	18690000 S	0.000 0.000	SAM RUGGERI UT
91-3222	Point to Point 0 0 29 14S 10E SL	P	18690000 S	0.000 0.000	JOHN C. & PATRICIA FORRESTER UT
91-3223	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	JOHN A. MATHIS ROUTE #1
91-3224	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	SARAH MABEL CHIDESTER UT
91-3225	Point to Point S610 W1490 E4 29 14S 10E SL	P	18690000 S	0.000 0.000	PETE FRANSEN TOOELE UT 84074
91-3226	Point to Point S610 E1490 W4 28 14S 10E SL	P	18690000 S	0.000 0.000	SIBIL JONES EMERY STAR ROUTE
91-3227	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	EDNA IDE 265 NORTH 5TH WEST
91-3228	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	LDS CHURCH 50 E. NORTH TEMPLE, 12TH FLOOR EAST

<u>91-3685</u>	Point to Point 0 0 28 14S 10E SL	P	18690000 S	0.000 0.000	NOAH POTTER 510 EAST 6TH SOUTH
<u>91-4509</u>	Surface S1240 E50 N4 32 14S 10E SL	A	19860630 IS	0.500 0.000	BETTY L. WILLIAMS RT. 3 BOX 112A
<u>91-4977</u>	Surface S1550 E1300 N4 29 14S 10E SL	A	19950627 I	0.000 4.370	BLAKE LIDDELL 1398 SOUTH FAIRGROUNDS ROAD
<u>91-4977</u>	Surface S2060 E1460 N4 29 14S 10E SL	A	19950627 I	0.000 4.370	BLAKE LIDDELL 1398 SOUTH FAIRGROUNDS ROAD
<u>91-4977</u>	Surface S2080 E1980 N4 29 14S 10E SL	A	19950627 I	0.000 4.370	BLAKE LIDDELL 1398 SOUTH FAIRGROUNDS ROAD

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic



Well name:	09-05 ConocoPhillips Liddell 29-854	
Operator:	ConocoPhillips	Project ID:
String type:	Surface	43-007-31055
Location:	Carbon County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 77 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 162 ft

Cement top: 5 ft

Burst

Max anticipated surface pressure: 143 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 162 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 142 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 2,033 ft
Next mud weight: 8.400 ppg
Next setting BHP: 887 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 162 ft
Injection pressure 162 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	162	8.625	24.00	J-55	ST&C	162	162	7.972	7.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	71	1370	19.380	162	2950	18.21	3	244	71.81 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: September 6, 2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 162 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	09-05 ConocoPhillips Liddell 29-854	
Operator:	ConocoPhillips	Project ID:
String type:	Production	43-007-31055
Location:	Carbon County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 840 ft

Burst

Max anticipated surface pressure: 643 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 887 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Completion type is subs
Non-directional string.

Tension is based on buoyed weight.

Neutral point: 1,774 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2033	5.5	17.00	N-80	LT&C	2033	2033	4.767	70.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	887	6290	7.090	887	7740	8.72	30	348	11.54 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: September 6, 2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2033 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Liddell 29-854
August 16, 2005
Page 2

The proposed well is located outside the Drunkards Wash Federal Unit and is more than 460' from the unit boundary. Based on the request of the surface owner, the proposed location, 1,172.28' FEL and 2,083.91' FNL in section 29, is inside the "spacing window" as defined by Cause Number 643-09. For this well, as shown on the APD Exhibit A, 1 of 3, ConocoPhillips Company is the only "owner" of record for all leased acreage within 460' of the proposed well bore. This location reflects the 160 acre spacing of the adjacent Drunkard's Wash Unit wells.

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,



Jean Semborski
Construction Supervisor

cc: Mr. Eric Jones, BLM, Moab, Utah
Mr. Gene Herrington, Texaco
Mr. John Lennon, Dominion Resources
Mr. Don Stephens, BLM, Price, Utah
Ms. Jane Strickland, ConocoPhillips
Mr. Kile Thompson, ConocoPhillips
Mr. Mark Jones, DOGM, Price, Utah
ConocoPhillips Well File

RECEIVED

AUG 29 2005

DIV. OF OIL, GAS & MINING



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 13, 2005

ConocoPhillips Company
P O Box 851
Price, UT 84501

Re: Liddell 29-854 Well, 2084' FNL, 1172' FEL, SE NE, Sec. 29, T. 14 South,
R. 10 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31055.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Carbon County Assessor

Operator: ConocoPhillips Company
Well Name & Number Liddell 29-854
API Number: 43-007-31055
Lease: Fee

Location: SE NE Sec. 29 T. 14 South R. 10 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1998

ORIGINAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐

CONFIDENTIAL

2. Name of Operator

ConocoPhillips

3. Address and Telephone No.

6825 South 5300 West, P.O. Box 851, Price, Utah 84501 (435) 613-9777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2084 FNL, 1172' FEL

SE/NE, Sec. 29, T14S, R10E, SLB&M

5. Lease Designation and Serial No.

Private

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Drunkards Wash UTU-67921X

8. Well Name and No.

Liddell 29-854

9. API Well No.

43-007-31055

10. Field and Pool, or Exploratory Area

Drunkards Wash

11. County or Parish, State

Carbon County, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Online Notice
☐ Change of Name
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud notice

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that this well was spud on 11/3/2005 at 9:00 a.m. with the Pense #9 Rig.

14. I hereby certify that the foregoing is true and correct

Signed Lynnette Allred Title Sr. Operations Assistant Date November 9, 2005

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☐ Oil ☒ Gas ☐

2. Name of Operator

ConocoPhillips

3. Address and Telephone No.

6825 South 5300 West, P.O. Box 851, Price, Utah 84501 (435) 613-9777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2084 FNL, 1172' FEL

SE/NE, Sec. 29, T14S, R10E, SLB&M

5. Lease Designation and Serial No.

Private

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Drunkards Wash UTU-67921X

8. Well Name and No.

Liddell 29-854

9. API Well No.

43-007-31055

10. Field and Pool, or Exploratory Area

Drunkards Wash

11. County or Parish, State

Carbon County, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Online Notice	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Name	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Dispose Water
	<input checked="" type="checkbox"/> Other <u>Daily well reports</u>	

(Note: Report results of multiple completion on Well Completion or

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attached.

RECEIVED

NOV 14 2005

ENVIRONMENTAL

14. I hereby certify that the foregoing is true and correct

Signed Lynnette Allred Title Sr. Operations Assistant Date November 9, 2005

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

API/UWI 430073105500	Surface Legal Location SEC 29-T14S-R10E	Field Name DRUNKARDS WASH	BU/JV Lower 48 - MA	Latitude (DMS) 39° 34' 51" N	Longitude (DMS) 110° 49' 11" W
Well Type Development	Well Configuration Type	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-CF (ft)	ConocoPhillips WI (%)

Job Category DRILLING	Primary Job Type Drilling Original	Secondary Job Type	Working Interest (%)
Start Date 11/3/2005	End Date	AFE Number WAR.UIN.S305	Total AFE Amount 250,033.00

Objective
DRILL

Summary

Contractor PENSE BROS DRILLING	Rig Name/No 9	Rig Type LAND RIG
-----------------------------------	------------------	----------------------

Contractor NABORS DRLG CO	Rig Name/No 1111	Rig Type
------------------------------	---------------------	----------

Rpt No.	Start Date	End Date	Day Total	Cum Cost	Last 24hr Sum
1.0	11/3/2005	11/4/2005	27,335.00	27,335.00	R/UP, SPUD SET CONDUCTOR, DRILL SURFACE HOLE TO 355FT, SDFN
2.0	11/4/2005	11/5/2005	12,980.00	40,315.00	DRILL SURFACE, RUN CSG, CEMENT, WOC, NUP BOP AND TEST,
3.0	11/5/2005	11/6/2005	21,345.00	61,660.00	DRILL 7 7/8IN HOLE TO 1330FT,
4.0	11/6/2005	11/7/2005	7,220.00	68,880.00	DRILL TO TD, TOOH, LOAD HOLE, LOG WELL
5.0	11/7/2005	11/8/2005	1,090.00	69,970.00	MOVE ON LOCATION AND R/UP WORKOVER RIG,

Report Date - 11/3/2005 to 11/4/2005

Operations at Report Time

NO ACTIVITY

24hr Forecast

DRILL AND SET SURFACE, CEMENT, N/UP BOP

Last 24hr Summary

R/UP, SPUD SET CONDUCTOR, DRILL SURFACE HOLE TO 355FT, SDFN

Remarks

NO HSE INCIDENTS REPORTED LAST 24HRS

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
48.00	48.00			

Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Tribl Code	Comment
08:00	09:00	1.00	MIRU	MOVE	RURD	P	MOVE ON, R/UP,
09:00	10:00	1.00	COND1	DRILL	DRLG	P	SPUD @ 0900HRS 11.03.05, HIT WATER, HAD TO WAIT ON MUD EQUIPMENT,
10:00	11:00	1.00	COND1	DRILL	WOEQ	NP	WAIT ON MUD EQUIPMENT TO ARRIVE
11:00	13:00	2.00	COND1	DRILL	RURD	P	R/UP MUD EQUIPMENT, MIX MUD
13:00	14:00	1.00	COND1	DRILL	DRLG	P	DRILL CONDUCTOR HOLE TO 57FT
14:00	16:00	2.00	COND1	CASING	RNCS	P	RUN IN AND SET CONDUCTOR @ 57FT, N/UP BLOUIE LINE
16:00	18:00	2.00	SURFAC	DRILL	DRLG	P	DRILL 11IN SURFACE HOLE TO 355FT, SECURE WELL AND SDFN
18:00	00:00	6.00	SURFAC	DRILL	WOND	NP	WAITING ON DAYLIGHT

Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

Support Vessels

Type	Vessel Name	Note	Time	Time

WEATHER

Time	Comment
Temperature - High (°F)	Temperature - Low (°F)
Visibility (miles)	Celling (ft)
Wind Speed (knots)	Wind Direction (°)
Current Speed (knots)	Current Direction (°)
Wave Height (ft)	Wave Direction (°)
Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)
Roll (°)	Vessel Offset (ft)
	Vessel Heading (°)

Riser Tension (klps)

Daily Contacts

Job Contact	Position
SHIRLEY LLOYD	Drilling Supv

Head Count (POB)

Carry Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
False						

STOP Cards Submitted

Company	No. Rpts	Comment

Report Date - 11/4/2005 to 11/5/2005

Operations at Report Time

NO ACTIVITY

24hr Forecast

TD WELL AND LOG

Last 24hr Summary

DRILL SURFACE, RUN CSG, CEMENT, WOC, N/UP BOP AND TEST,

Remarks

NO HSE INCIDENTS REPORTED LST 24HRS,

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
49.00	49.00			

Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Trbl Code	Comment
00:00	06:30	6.50	SURFAC	DRILL	WOND	P	NO ACTIVITY,
06:30	07:00	0.50	SURFAC	DRILL	SFTY	P	SFTY MTG, DISCUSS RUNNING SURFACE CSG, USING TAG LINES,
07:00	07:15	0.25	SURFAC	DRILL	DRLG	P	DRILL 355FT - 420FT,
07:15	07:45	0.50	SURFAC	DRILL	TRIP	P	CLEAN HOLE, TOOHO
07:45	08:30	0.75	SURFAC	CASING	RNCS	P	RIH W/ 8 5/8IN GS + 14JTS OF 8 5/8IN 24# J55 CSG, LAND @ 410FT, (17IN BELOW GL),
08:30	09:30	1.00	SURFAC	CEMENT	CIRC	P	SFTY MTG W/ CEMENTERS,(DISCUS TRIPPING HAZARDS AND WORKING AROUND SUB, TEST PUMP AND LINES TO 1000PSI, PUMP 30 BBLS OF FRESH AHEAD, MIX & PUMP 180SX OF TYPE V CEMENT W/ 8% CACL, .25#/SK OF FLOCELE, @ 15.8PPG, DISPLACE W/ 23BBLS OF FRESH, CLOSE VALVE @ 0930HRS, 11.04.05, 10BBLS GOOD CEMENT TO SURFACE,
09:30	13:30	4.00	SURFAC	CEMENT	WOC	P	WOC
13:30	17:30	4.00	SURFAC	TREBOP	RURD	P	BREAK LOOSE, N/UP WELLHEAD AND BOP,
17:30	18:30	1.00	SURFAC	TREBOP	BOPE	P	TEST PIPE RAMS, BLIND RAMS, MANIFOLD, 250PSI LOW, 2000PSI HIGH, TEST CSG 250PSI 5 MINUTES LOW, 500PSI HIGH F/ 30 MINUTES,

Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

Support Vessels

Type	Vessel Name	Note	Time	Time

WEATHER

Time	Comment					
Temperature - High (°F)	Temperature - Low (°F)	Visibility (miles)	Ceiling (ft)	Wind Speed (knots)	Wind Direction (°)	
Current Speed (knots)	Current Direction (°)	Wave Height (ft)	Wave Direction (°)	Wave Period (s)	Swell Height (ft)	
Heave (ft)	Pitch (°)	Roll (°)	Vessel Offset (ft)		Vessel Heading (°)	

Riser Tension (kips)

Daily Contacts

Job Contact	Position
SHIRLEY LLOYD	Drilling Supv

Head Count (POB)

Canv Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
False						

STOP Cards Submitted

Company	No. Rpts	Comment

Report Date - 11/5/2005 to 11/6/2005

Operations at Report Time

NOACTIVITY

24hr Forecast

RUN AND CEMENT LONGSTRING,

Last 24hr Summary

DRILL 7 7/8IN HOLE TO 1330FT,

Remarks

NO HSE INCIDENTS REPORTED LAST 24 HRS

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
50.00	50.00			

Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Trbl Code	Comment
00:00	06:30	6.50	PROD1	DRILL	WOND	P	NO ACTIVITY, WAITNG ON DAYLIGHT,
06:30	07:00	0.50	PROD1	DRILL	SFTY	P	SFTY MTG, DISCUSS, DRILLING OUT SHOE AND MAKING CONNECTIONS,
07:00	08:00	1.00	PROD1	DRILL	DRLG	P	RIH, TAG CEMENT @ 380FT, DRILL OUT CEMENT AND SHOE,
08:00	12:00	4.00	PROD1	DRILL	DRLG	P	DRILL 420FT - 1330FT, HAMMER STARTED ACTING UP, HIT FLUID @ 1225FT, SLOWING PENETRATION RATE,
12:00	13:00	1.00	PROD1	DRILL	TRIP	NP	TOOH, TO CHECK HAMMER
13:00	15:30	2.50	PROD1	DRILL	TRIP	NP	CHANGE BITS,(GAUGE BUTTONS GONE), TIH REAM LAST 30FT,
15:30	17:45	2.25	PROD1	DRILL	DRLG	P	DRILL 1330FT - 1585FT,
17:45	18:00	0.25	PROD1				CLEAN HOLE & TOOH 15JTS

Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

Support Vessels

Type	Vessel Name	Note	Time	Time

WEATHER

Time	Comment				
Temperature - High (°F)	Temperature - Low (°F)	Visibility (miles)	Ceiling (ft)	Wind Speed (knots)	Wind Direction (°)
Current Speed (knots)	Current Direction (°)	Wave Height (ft)	Wave Direction (°)	Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)	Roll (°)	Vessel Offset (ft)	Vessel Heading (°)	

Riser Tension (kips)

Daily Contacts

Job Contact	Position
SHIRLEY LLOYD	Drilling Supv

Head Count (POB)

Carry Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
False						

STOP Cards Submitted

Company	No. Rpts	Comment

Report Date - 11/6/2005 to 11/7/2005

Operations at Report Time

NO ACTIVITY

24hr Forecast

RUN 5 1/2 CSG AND CEMENT

Last 24hr Summary

DRILL TO TD, TOOH, LOAD HOLE, LOG WELL

Remarks

NO HSE INCIDENTS REPORTED LAST 24HRS.

Days RI (days)

51.00

Days LTI (days)

51.00

Weather

Temperature (°F)

Wind

Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Trbl Code	Comment
00:00	06:30	6.50	PROD1	DRILL	WOND	P	WAITING ON DAYLIGHT
06:30	07:00	0.50	PROD1	DRILL	SFTY	P	SFTY MTG DISCUSS BLOWING OFF HOLE, WARM UP EQUIPMENT,
07:00	08:00	1.00	PROD1	DRILL	DRLG	P	RIH, BLOW OFF HOLE, DRILL 1585FT - 1625FT, TD @ 0800HRS 11.06.05
08:00	08:30	0.50	PROD1	DRILL	CIRC	P	CLEAN HOLE
08:30	10:30	2.00	PROD1	DRILL	TRIP	P	TOOH, LOAD HOLE @ 100FT AND @ 50FT,
10:30	11:00	0.50	PROD1	EVALFM	SFTY	P	SFTY MTG W/ LOGGERS, RUP LOGGERS,
11:00	12:30	1.50	PROD1	EVALFM	ELOG	P	LOG WELL, LOGGERS TD @ 1631FT,
12:30	13:30	1.00	PROD1	MOVE	DMOB	P	RIG DOWN AND MOVE TO 861 LOCATION, RELEASE RIG @ 1330HRS, 11.06.05

Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

Support Vessels

Type	Vessel Name	Note	Time	Time

WEATHER

Time	Comment
Temperature - High (°F)	Temperature - Low (°F)
Visibility (miles)	Ceiling (ft)
Wind Speed (knots)	Wind Direction (°)
Current Speed (knots)	Current Direction (°)
Wave Height (ft)	Wave Direction (°)
Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)
Roll (°)	Vessel Offset (ft)
Vessel Heading (°)	

Riser Tension (kips)

Daily Contacts

Job Contact	Position
SHIRLEY LLOYD	Drilling Supv

Head Count (POB)

Cary Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
False						

STOP Cards Submitted

Company	No. Rpts	Comment

Report Date - 11/7/2005 to 11/8/2005

Operations at Report Time

NO ACTIVITY

24hr Forecast

RUN 5 1/2 AND CEMENT

Last 24hr Summary

MOVE ON LOCATION AND R/UP WORKOVER RIG,

Remarks

NO HSE INCIDENTS REPORTED LAST 24HRS

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
52.00	52.00			

Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Trib Code	Comment
00:00	09:00	9.00	PROD1	CASING	WOND	P	WAITING ON DAYLIGHT
09:00	13:00	4.00	PROD1	CASING	RURD	P	R/UP WORKOVER RIG AND PREP TO RUN CSG, CEMENTERS NOT AVAILABLE, S/DOWN TILL NEXT DAY

Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

Support Vessels

Type	Vessel Name	Note	Time	Time

WEATHER

Time	Comment
Temperature - High (°F)	Temperature - Low (°F)
Visibility (miles)	Ceiling (ft)
Wind Speed (knots)	Wind Direction (°)
Current Speed (knots)	Current Direction (°)
Wave Height (ft)	Wave Direction (°)
Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)
Roll (°)	Vessel Offset (ft)
	Vessel Heading (°)

Riser Tension (kips)

Daily Contacts

Job Contact	Position
SHIRLEY LLOYD	Drilling Supv

Head Count (POB)

Carry Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
False						

STOP Cards Submitted

Company	No. Rpts	Comment

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

FILE COPY

ENTITY ACTION FORM

Operator: ConocoPhillips
Address: 6825 South 5300 West
city Price
state UT zip 84501

Operator Account Number: N 2335

Phone Number: (435) 613-9777

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731014	Lessar 20-850	NWSW	20	14S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15041	10/31/2005	11/17/05		
Comments: New single well spud outside PA & inside of the Unit Boundary. DKTA						
CONFIDENTIAL K						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731054	LDS 28-861	NESE	28	14S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15042	11/6/2005	11/17/05		
Comments: New single well spud outside PA & outside of the Unit Boundary. FRSD						
CONFIDENTIAL K						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731055	LIDDELL 29-854	SENE	29	14S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15043	11/3/2005	11/17/05		
Comments: New single well spud outside PA & outside of the Unit Boundary. FRSD						
CONFIDENTIAL K						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Lynnette Allred

Name (Please Print)

Signature

Sr. Operations Assistant

Title

11/9/2005

Date

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NOV 14 2005

DIV. OF OIL, GAS & MINING

ORIGINAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NUMBER: Private	
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Recompletion
2. NAME OF OPERATOR: ConocoPhillips Company						7. UNIT or CA AGREEMENT NAME Drunkards Wash UTU-67921X	
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501				PHONE NUMBER: (435) 613-9777		8. WELL NAME and NUMBER: Liddell 29-854	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2084' FNL & 1172' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 2084' FNL & 1172' FEL AT TOTAL DEPTH: 2084' FNL & 1172' FEL						9. API NUMBER: 4300731055	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 29 T14 10E S						12. COUNTY CARBON	
						13. STATE UTAH	

14. DATE SPURRED: 11/3/2005	15. DATE T.D. REACHED: 11/5/2005	16. DATE COMPLETED: 2/25/2006	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5560' GR
18. TOTAL DEPTH: MD 1,631 TVD 1,631	19. PLUG BACK T.D.: MD 1,604 TVD 1,604	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Dual Induction Guard Log Gamma Ray, Comp Density, Comp Neutron Gamma Ray, Cement Bond Log.				23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
15	12-3/4	Conductor	0	57					
11	8-5/8 J-55	24#	0	409		type V 120	18	surface CIR	
7-7/8	5-1/2 N-80	17#	0	1,604		type v 80	14		
						STAN 180	23	surface CIR	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Ferron Coal & Sar	1,132	1,258	1,132	1,258	1,132 1,258	.42	160	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
1132' - 1258'	Sandpack of 198,260 lbs, 2226 bbls of gel pad.

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:

Producing

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MAR 13 2006

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 3/2/2006	TEST DATE: 3/3/2006	HOURS TESTED: 0	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 0	WATER – BBL: 0	PROD. METHOD: pumping
CHOKE SIZE: n/a	TBG. PRESS. 32	CSG. PRESS. 60	API GRAVITY 0.00	BTU – GAS 0	GAS/OIL RATIO 0	24 HR PRODUCTION RATES: →	INTERVAL STATUS: on-line

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Blue Gate/Ferron	1,120	1,320	Coals and sandstones 1150' - 1320'		1,320
CONFIDENTIAL					

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jim WeaverTITLE Uinta - Rockies SuperintendentSIGNATURE James WeaverDATE 3/6/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940